EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10580	((438/106-109) or (257/778-783)).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/01/05 15:43
S2	6976	S1 and @ad<"20030116"	US-PGPUB; USPAT	ADJ	ON	2007/01/05 17:50
S3	1845	S2 and (chip or die) and (bump or ball) and (flip chip or flip-chip or flipchip) and (guide or protrusion or protrud$3 or align$5)	US-PGPUB; USPAT	ADJ	ON	2007/01/05 17:48
S4	0	("2003/0207489").URPN.	USPAT	OR	OFF	2007/01/05 17:14
S5	2	("2002/0079577").URPN.	USPAT	OR	OFF	2007/01/05 17:14
S6	7	("5853517" | "5940679" | "6228676" | "6291775").PN. OR ("6683387").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:15
S7	5	("5598036").PN. OR ("6657124").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:17
S8	81	("4157932" | "4554033" | "4612083" | "4640981" | "4680226" | "4749120" | "4818728" | "4868979" | "4917466" | "4967314" | "5074947" | "5084961" | "5086558" | "5136365" | "5147210" | "5196371" | "5237130" | "5296063" | "5298279" | "5318651" | "5329423" | "5341564" | "5363277" | "5384952" | "5477419" | "5543585" | "5545281" | "5611140" | "5637176" | "5667884" | "5674780" | "5686702" | "5714252" | "5747101" | "5783465" | "5840417" | "5843251" | "5854514" | "5861322" | "5861678" | "5863970" | "5870289" | "5879761" | "5903056" | "5918364" | "5925930" | "5975408" | "6027575" | "6064120" | "6064217" | "6168972" | "6189208" | "6219911").PN. OR ("6410415").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:18
S9	6	("5508216" | "6133637").PN. OR ("6399419").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:23

S10	17	("4190855" | "4604644" | "5138434" | "5182632" | "5214657" | "5229647" | "5249101" | "5629630" | "5685885" | "5704116" | "5785799" | "5789271" | "5824177" | "5886408" | "5905305" | "5977629").PN. OR ("6307262"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:23
S11	8	("4949164" | "4996589" | "5133403" | "5821627").PN. OR ("6265244"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:24
S12	30	("2628178" | "3832334" | "3987019" | "4209358" | "4490515" | "4533422" | "4793887" | "4899921" | "5001542" | "5150195" | "5175337" | "5317191" | "5550408" | "5656945" | "5691567" | "5739205" | "5834836" | "5861678").PN. OR ("6221691"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:24
S13	33	("5436503" | "5521435" | "5598036" | "5641996" | "5666008" | "5705858" | "5708304" | "5834848" | "5912507").PN. OR ("6214642"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:25
S14	13	("3960279" | "4983804" | "5164328" | "5208186" | "5428249" | "5495378").PN. OR ("5986348"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:26
S15	102	("3811186" | "4878611" | "5214308" | "5220200").PN. OR ("5523628"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:26
S16	96	("3388301" | "3429040" | "3624462" | "3811186" | "3835531" | "3871014" | "4190855" | "4355463" | "4425501" | "4478915" | "4545610" | "4553036" | "4636631" | "4664309" | "4700276" | "4700473" | "4733096" | "4783722" | "4811082" | "4825284" | "4827118" | "4830264" | "4893172" | "4926241" | "4944916" | "4970575" | "4970577" | "5006673" | "5039628" | "5059553" | "5077633" | "5111279" | "5149958" | "5168346" | "5258648").PN. OR ("5504035").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:29

S17	144	("3388301" | "3429040" | "3624462" | "3811186" | "3835531" | "3871014" | "4190855" | "4355463" | "4425501" | "4478915" | "4545610" | "4553036" | "4636631" | "4664309" | "4700276" | "4700473" | "4733096" | "4783722" | "4811082" | "4825284" | "4827118" | "4830264" | "4926241" | "4970575" | "4970577" | "5006673" | "5039628" | "5059553" | "5077633" | "5111279" | "5149958" | "5168346" | "5258648" | "5347162").PN. OR ("5489804"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:30
S18	104	("5284796").URPN.	USPAT	OR	OFF	2007/01/05 17:39
S19	24	("3429040" | "3811186" | "3871014" | "4190855" | "4355463" | "4545610" | "4825284" | "4926241" | "4970575" | "4970577").PN. OR ("5168346").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:44
S20	153	("3098287" | "3290756" | "3392442" | "3457639" | "3488840" | "3521128").PN. OR ("3811186"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:45
S21	13	("3719981" | "4640583" | "5284796" | "5519524" | "5611481" | "5770826" | "6020946" | "6061114" | "6104466" | "6124914" | "6136047" | "6179679" | "6195146").PN. OR ("6583847"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 17:47
S22	256	((chip or die) with (bump or ball)) and ((substrate or board) with (bump or ball)) and (flip chip or flip-chip or flipchip) and (guide same bond$3)	US-PGPUB; USPAT	ADJ	ON	2007/01/05 18:02
S23	165	S22 and @ad<"20030116"	US-PGPUB; USPAT	ADJ	ON	2007/01/05 18:04
S24	2757	((chip or die) with (bump or ball)) and ((substrate or board) with (bump or ball)) and (flip chip or flip-chip or flipchip) and ((stopper or wall or partition or spacer or barrier) same (bond$3 or prevent$3))	US-PGPUB; USPAT	ADJ	ON	2007/01/05 18:33
S25	1663	S24 and @ad<"20030116"	US-PGPUB; USPAT	ADJ	ON	2007/01/05 18:37
S26	1288	S25 not S3	US-PGPUB; USPAT	ADJ	ON	2007/01/05 18:06

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S27	1254	S26 not S23	US-PGPUB; USPAT	ADJ	ON	2007/01/05 18:06
S28	258	((chip or die) with (bump or ball)) and ((substrate or board) with (bump or ball)) and (flip chip or flip-chip or flipchip) and (prevent$3 with (mis-align$4 or misalign$4 or align$4))	US-PGPUB; USPAT	ADJ	ON	2007/01/05 20:40
S29	140	S28 and @ad<"20030116"	US-PGPUB; USPAT	ADJ	ON	2007/01/05 20:42
S30	212	(SIP or (system in package)) and (mis-align$4 or misalign$4 or align$4 or dislocation) and (flip-chip or flip chip)	US-PGPUB; USPAT	ADJ	ON	2007/01/05 20:42
S31	63	S30 and @ad<"20030116"	US-PGPUB; USPAT	ADJ	ON	2007/01/05 20:42